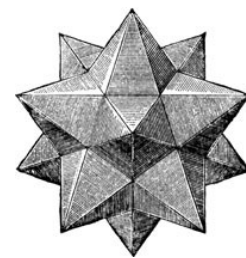


The Dodecahedron



A note from our President

Dear AAIE Members,

It seems every time we communicate, there is an intersection of past and present, uncertainty and assurance, or success and failure. Through it all, your AAIE remains steadfast in its mission. I am very pleased to report that our organization remains vital and healthy, and I'm humbled to have served you alongside past and present Board members. Talent has never been a shortcoming and as we wind down another school year and prepare to induct new members, talent remains a hallmark of AAIE.

As of this writing, we look in retrospect to a year in review where we've said goodbye to dear friends and welcomed new ones. Uncertainties abound, whether headlines related to interest rates or inflation, or a myriad of other socio-economic and geo-political topics. But through it all, you have been served by careful, insightful, and determined members. Those members have served in a variety of capacities, some well-known, some remaining confidential upon request. Remarkably, or perhaps not remarkably at all, AAIE has maintained its stature and even found opportunities to improve and excel.

At a time when he had the stature to casually dismiss an inquisitive sophomore, while sitting at a wooden desk in an office with no air conditioning, a professor named Dr. John Imhoff took time to counsel me and share insights that shape me to this day. Improve organizational efficiencies" or "be an agent of change" were routine examples he would cite. To this day I regret that I did not carry a camera and ask him for a photo. (This explains why, in April 2022 when I had a chance, I jumped to take a photo with Dr Hamdy Taha!!) "Six

degrees of separation" may be the norm in Hollywood, but in Arkansas IE lore, we are never more than one degree of separation away from someone who cares. The variety of committees and student outreach, and the love that we have for helping others, has never been on display any brighter than this past year. Calling a play from Dr. Imhoff's book, this board and your committee chairs invested personal energy (and funds) to continually update our approach to serving future generations of students. I do hope you will gather with us in April 2023 at the annual meeting; you will hear and see examples of how this investment is impacting students. Please, plan on joining us.

In my previous letter to you, I implored help in "Moving the Needle". Anonymous members and your board have done just that, selflessly contributing to a matching funds campaign. Exciting news for sure, but even more exciting when we release the final results! I'd like to take credit, but reality is that the membership and governance is reacting in predictable ways: IE's rise to the top, always.

Take a moment to call or write a friend. Smile with pride when you tell someone you are a member of AAIE; you've earned it.

All the best, Stuart R (Stu) Garrett



Stu Garrett
AAIE President

Spring 2023

AAIE
Officers

Stu Garrett
President

Mandy Robinson
President-Elect

Ross Tompkins
Secretary

Amanda Furr
Treasurer

Martha Wolf
Past President

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Scholarship News

“There is a new \$60,000 Matching fund for 2023. Make a Scholarship donation to any of the AAIE Endowments, and it will be matched until the \$60,000 is fully utilized.”

I hope by now everyone has seen the announcement of a new \$60,000 Matching Fund for 2023. We tried to make it as simple to use as possible. Make a Scholarship donation to any of the AAIE Endowments, and it will be matched until the \$60,000 is fully utilized.

Even though Academy Scholarship Endowments continue to swing dramatically up and down at times due to Stock Market volatility, they remain healthy and have funds available to continue supporting Scholarship Awards at record levels. However, at this time it is difficult to provide exact numbers for next year due to continued uncertainty of foreign travel by students.

As I was preparing for AAIE’s Winter Board Meeting I took a closer look at Scholarship donations over the last several years (please see chart). I must confess that while I knew donations had been good, I didn’t realize just how good. From 2014/15 through 2021/22 Academy Endowment donations totaled \$1,188,000 for an average annualized rate of \$148,000. Your donations during this eight-year period totaled more than the cumulative total for the previous 28 years dating back to the Academy’s creation in 1986. We started the \$2,000,000 Campaign in 2014/15 and initiated the new Graduate Studies Endowment in 2017/18, and both were supported with Matching Funds by

anonymous donors. Campaigns and Matching Funds were not new ideas. They both had been successfully utilized by the Academy in earlier years.

Rather than search for a new magic wand to wave, we’re staying with what has worked in the past. Let’s use the new \$60,000 Match to take annual donations back above the \$100,000 level. Scholarship Awards are poised to reach \$150,000 annually, and there is one clear reason— Your 35 Plus Years of Support!

As a reminder, it is quick and easy to donate online! Go to <https://aaie.uark.edu/> and hover over the Giving tab, then choose the scholarship account to which you want to contribute. This will auto-fill the account information so that you only need to choose your dollar amount and fill in your personal and payment information. Of course, you can always mail a check to the Industrial Engineering department at:

AAIE
4207 Bell Engineering
1 University of Arkansas
Fayetteville, AR 72701



Bob Etien
Scholarship Chair

SAVE THE DATE!!!
AAIE Banquet Friday April 14, 2023
Annual Meeting April 15 2023
Fayetteville AR

“Celebrating the accomplishments of our students, faculty, and alumni is easy to do and very rewarding!”

From the Department...

Dear AAIE,

The Spring semester is always the busiest time of year in our department, which means it is the most exciting time in our department, too. We are gearing up for several upcoming events including your annual banquet, meeting, and picnic, which is a staff and faculty favorite. We are also getting ready for our student awards banquet, where we will excitedly announce to students that they will be receiving scholarships and other awards, followed by the Capstone Symposium and of course, commencement! Celebrating the accomplishments of our students, faculty, and alumni is easy to do and very rewarding!



One of my favorite traditions in the College of Engineering is Decision Day and I am so glad it is back to its normal boisterous celebration! 665 students chose a major in engineering and the official number states that 62 of those chose Industrial Engineering! This is an increase in both number and percent of the student body, so we are excited to welcome a great class of new IEs to the department! Our undergraduate advisors, Dr. Tish Pohl and Mr. Brandon Crisel have already met with the majority of our new students. We all look forward to watching their journey as future IEs!

The national Institute of Industrial and Systems Engineers (IISE) conference is coming up in May, and the majority of our faculty members and quite a few students attend each year. We recently learned that

we have three faculty members being recognized in a big way this year! Dr. Chase Rainwater was selected to be inducted as a fellow of IISE. This will bring our total number of fellows up to 10, which is an outstanding ratio compared to our number of faculty in the department. Additionally, Dr. Manuel



Dr. Ed Pohl
Department Head



Rossetti was selected to receive the Albert G. Holzman Distinguished Educator Award, which is arguably one of the top prizes from the organization! Finally, but not surprisingly, Dr. John White's book, "Why It Matters: Reflections on Practical Leadership" was selected as the IISE book of the year! Being proud is an understatement for how I feel! I am very much looking forward to watching these three colleagues receive the recognitions they deserve at the conference.

The legacy of John L. Imhoff is well-known and I have the honor of selecting a faculty member to hold the John L. Imhoff Chair in Industrial Engineering every two years in our department. The chair serves as a means to reward faculty members who embody Dr. Imhoff's passion for global studies and its importance to student growth in the profession, commitment to student success, enthusiasm for teaching,

(Continued on page 5)

and excellence in research. Dr. Xiao Liu was chosen for the next cycle and is extremely deserving! He excels in the classroom and in research, and he is an outstanding mentor to his students. We recently held a reception to celebrate him and I read some quotes from his former students, one of which claimed that he is “one of the best professors at the university.” We are fortunate to have him in our department! It is evident that Dr. Liu shares Dr. Imhoff’s passion for student success, enthusiasm for teaching, and excellence in research and I know he will honor the chair’s purpose!

There are so many other great moments and accolades I could write about here, but I will save them for your annual meeting in April! I hope you are all making plans to attend. We are really looking forward to it! In the meantime, take care of yourselves and Go Hogs!




*Dr. Xiao Liu is the
2023-2024 John L.
Imhoff Chair in
Industrial
Engineering.*

Board of Directors/Committee Chairs

AAIE is pleased to welcome a number of new members to the board and committee positions, including Jenni Kimpel in Membership and Jeff Hardcastle and Jason Honeycutt on A4U.

Position	Name
President	Stu Garrett
President Elect	Mandy Robinson
Treasurer	Amanda Furr
Past President	Martha Wolf
Secretary	Ross Tompkins
Membership	Jenni Kimpel/Marc Alley
A4U	Mentor Circles: Jeff Hardcastle Mock Interviews: John True, Jason Honeycutt
Global Studies	Bryan Hill
Scholarship	Bob Etien
Publications	Martha Wolf

MEMBERSHIP: NEW MEMBER BIOS

Jason Evans, 2003

Walmart: VP – Supply Chain Acceleration

Additional Education:

U of A: Masters of Business Administration, 2011

Personal:

- Living in Bentonville, AR.
- Married to Diana with two children.
- Interest include supporting Razorback athletics and the Philadelphia Eagles.

Other:

- Chair of Walmart's African American Officer Caucus.
- U of A Alumni board for MBA program.
- Executive in Residence at Jackson State University.



- Member of Women in Manufacturing - TN Chapter.
- Boys and Girls Club Board Member.

Jason Imhoff, 2005

Sig Sauer: Chief Technology Officer and VP of Business Development, Ammunition

Personal:

- Living in Little Rock, AR.
- Married to Kelly with two children.
- Interest include machine tools and machining, shooting sports, woodworking, and Razorback athletics.

Other:

- Member SAAMI – Sporting Arms and Ammunition Manufacturers Institute Joint Technical Committee.
- Six Sigma Blackbelt.
- Several US Utility Patents in small arms.



Dorcedar House, 2004

Greenheck Group: General Manager, Precision Coils

Additional Education:

Pennsylvania State University: Master of Professional Studies – Supply Chain Management

Personal:

- Living in Bartlett, TN.
- Married to Robert House with two children (Morgan and Kyle).
- Interests include serving in ministry, creative/publication design projects, and spending time with family.

Other:

- Works with youth in STEM related fields through tutoring, teaching, and mentoring.
- Serves on the Diversity, Equity, and Inclusion Team and facilitates .
- Unconscious Bias Training.



Lauren Lowe, 2007

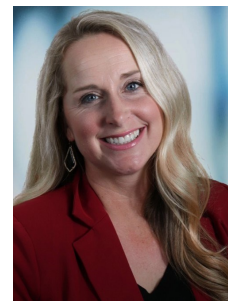
Walmart: Sr Director, Grocery Distribution Finance

Personal:

- Living in Fayetteville, AR
- Married to Ryan with two children.
- Interests include caring for animals and gardening on her farm in Goshen; avid equestrian who enjoys fox hunting and showing horses with her daughters.

Other:

- College of Engineering Early Alumni Award 2022.
- Member of Northwest Arkansas Hunter Jumper Association.



Ryan McDaniel, 2002

Walmart: Vice President,
Transportation Private
Fleet

**Personal:**

- Living in Bentonville, AR.
- Married to Leslie with four children.
- Interests include spending time with his family in any way possible.

Other:

- Women in Trucking Board Director.
- Arkansas Trucking Associate Board Nominee.
- Walmart Women of Supply Chain Executive Sponsor.

Charles “Chuck” Murphy, 2005

Boeing: Product Manager
for Manufacturing
Execution Systems

**Additional Education:**

Missouri University of
Science and Technology:
Master of Science in
Systems Engineering
2008

Personal:

- Currently living in Fayetteville, AR.
- Married to Elizabeth Murphy with daughters Claire and Caroline.
- Interests include Razorback athletics, bowling, golf, MLB, bourbon, and cheering on his girls in soccer.
- Has also lived in Missouri, Maine, and Ontario, CAN since graduation.

Elizabeth E. Murphy, 2006

Procter & Gamble:
Customer Supply Chain
Director

**Personal:**

- Living in Fayetteville, AR.
- Married to Chuck Murphy with daughters Claire and Caroline.
- Interests include Razorback athletics, dog walking, reading, and escape rooms.

Other:

- United Way NWA Executive Committee (2023).
- United Way NWA Board Member (2022).
- P&G “Arena Player” award for outstanding achievement (2022).
- Active Ally for P&G’s LGBTQ+ Affinity Group.
- U of A Wesley Foundation Board of Directors (2016).

Anthony Le Nguyen, 2000

Safe Foods: Manager,
Fabrication and Plant
Engineering

**Additional Education:**

U of A: Master of Science,
Operations Management

Personal:

- Living in Benton, AR.
- Married to Rowena with two children.
- Interest include kids’ activities/sports, Razorbacks, fishing, and fitness.

Other:

- Six Sigma Green Belt.
- ISO Certified Lead Auditor.



Jeffrey Rieske, 2006

ZS Associates: Associate Partner, Head of Strategy & Transformation Tech for Pharma R&D

Additional Education:

Georgia Institute of Technology: Masters of Science, Industrial & Systems Engineering

Duke University: Masters of Business Administration, Health Sector Management

Personal:

- Living in Philadelphia, PA.
- Married to Lauren.

Other:

- French bulldog rescue volunteer.
- College student and young professional mentor.

**Robert Seward, 2003**

Marshalltown: Sr. Director - Engineering

Additional Education:

University of Arkansas: Master of Business Administration

Personal:

- Living in Fayetteville, AR.
- Married to Lindsey with five children.
- Interests include spending time with family, coaching, hunting, fishing, and outdoor activities.

Other:

- Sharing and Caring.
- Fayetteville Parks and Recreation youth coach, Boys & Girls Club coach.
- CMN Bass Tournament Committee.

**Joseph "Luke" Shelton, 2006**

Jaco Sales: President/Owner

Additional Education:

University of Arkansas: Master of Business Administration

Personal:

- Living in Little Rock, AR.
- Married to Meredith with two children.
- Interests include golf, hunting, fishing, playing baseball/basketball and spending time with family.

**Jessica Smith, 1999**

J.B. Hunt Transport: Engineering & Technology Optimization Manager

Additional Education:

University of Phoenix: Masters of Business Administration

Personal:

- Living in Fayetteville, AR.
- Married to Bob with two children.
- Interests include hiking, running, biking, swimming, son's baseball games, Razorback games, and family time.

Other:

- Six Sigma Black Belt certification.
- Church activities.



Don Stanley, 1986

Accenture: Technology
Delivery Lead Senior
Manager / Oracle Supply
Chain Innovation Lead

Additional Education:

U of A: Master of
Science, Industrial
Engineering

Personal:

- Living in Lexington, KY.
- Married to Carma with four children and four grandchildren.



- Interests include spending time with family, woodworking, being outdoors, supporting church activities & Razorback athletics.

Other:

- Registered Professional Engineer, State of Alabama.
- Certified PMI Project Management.

THE DODECAHEDRON is a publication of the Arkansas Academy of Industrial Engineering, and the views expressed are those of the AAIE only and do not reflect the official view of the University of Arkansas, the College of Engineering, or the Department of Industrial Engineering. THE DODECAHEDRON is published semiannually and is intended for the membership of the Arkansas Academy of Industrial Engineering.

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